

## Appendix

Table 1.

Effects of PMA on Steady-State Inactivation Kinetics in Kv4.3-S and Kv4.3-L

	$A\tau_{\text{slow}}$	$A\tau_{\text{fast}}$	
Kv4.3-S	0.40±0.03	0.60±0.03	p=0.31
PMA	0.38±0.03	0.62±0.03	n = 9
Kv4.3-L	0.35±0.01	0.65±0.01	p=0.036
PMA	0.39±0.01	0.61±0.01	n = 9
Kv4.3-L[T504A]	0.39±0.02	0.61±0.02	p = 0.32
PMA	0.41±0.03	0.59±0.03	n = 8
Kv4.3-S	0.36±0.04	0.64±0.04	p=0.30
PKC	0.39±0.03	0.61±0.03	n = 7
Kv4.3-L	0.39±0.01	0.61±0.01	p = 0.50
PKC	0.40±0.02	0.60±0.02	n = 6
PKC-L[T504A]	0.37±0.03	0.63±0.03	p =0.26
PKC	0.39±0.03	0.61±0.03	n = 6
PKC-L[T503D]	0.40±0.01	0.60±0.01	p = 0.74
PKC	0.40±0.02	0.60±0.02	n = 11